Philips
widescreen flat TV with
Pixel Plus HD

52"
LCD HD Ready

52PFL5432

# Turn up your viewing experience

## with Pixel Plus HD

Experience the superior picture quality of this excellent HD Ready TV with the latest LCD technology and Pixel Plus. It's packed into a stunning design that will complement your interior.

### Vivid, natural and razor sharp images
- Full HD LCD display, 1920x1080p
- Pixel Plus HD for better details, depth and clarity
- Dynamic contrast enhancer delivering rich black details

### Exciting and lifelike sound
- Incredible Surround™ for enhanced audio enjoyment

### Slim, stylish design to complement your interior
- Compact and slim design that fits in every room

### Designed for your convenience
- PC input lets you also use your TV as a PC monitor

### For advanced performance
- 2 HDMI inputs for full digital HD connection in one cable

PHILIPS
sense and simplicity

# Highlights

### Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

### Pixel Plus HD

Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural and real. The result are superbly life-like pictures with incredible details and depth from any HD source.

### Dynamic contrast enhancer

You want the LCD flat display with the highest contrast and most vibrant images even at wide viewing angle. The Philips dynamic contrast enhancer uses video processing and unique dimming backlight technology. This delivers deep rich black levels with increased detail. The dimming backlight increases the contrast up to 5 times*, and at the same time improves the viewing angle. It gives a bright, lifelike picture with high contrast and vibrant colors, (* factor between 2 and 5, screen type and picture content dependant).

### Incredible Surround™

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

### 2 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

### PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

Widescreen flat TV with Pixel Plus HD
52" LCD HD Ready

**52PFL5432/77**

# Specifications

## Picture/Display
- Aspect ratio: 16:9, Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 7500:1
- Response time (typical): 8 ms
- Viewing angle (H / V): 170 / 170 degree
- Diagonal screen size: 52 inch / 132 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, Dynamic contrast enhancement, Contrast Plus, 3/2 - 2/2 motion pull down, 3D Combfilter, Digital Noise Reduction, Progressive Scan
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60, 72, 75, 85Hz |
| 720 x 400 | 70Hz |
| 1024 x 768 | 60, 70, 75, 85Hz |

- Video formats

| Resolution | Refresh rate |
|---|---|
| 480i | 60Hz |
| 480p | 60Hz |
| 576i | 50Hz |
| 576p | 50Hz |
| 720p | 50, 60Hz |
| 1080p | 24, 50, 60Hz |

## Sound
- Equalizer: 7-bands
- Output power (RMS): 2 x 10W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround
- Sound System: Stereo, SAP

## Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: Front Speakers, Dome tweeter

## Convenience
- Child Protection: Child Lock
- Clock: On main display, Sleep Timer, Wake up Clock
- Ease of Installation: Auto Program Naming, Autostore, Fine Tuning, Program Name, Sorting
- Ease of Use: 8 channel smart surf list, Auto Volume Leveller (AVL), AutoPicture, AutoSound, Program List, Side Control, Closed Captioning Full Text
- On-Screen Display languages: English, Portuguese, Spanish
- Remote Control: TV
- Remote control type: RC2023606/01
- Screen Format Adjustments: 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen

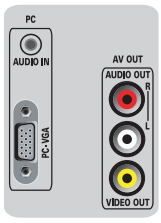
## Tuner/Reception/Transmission
- Aerial Input: 75 ohm F-type
- TV system: NTSC, PAL N, PAL M
- Video Playback: NTSC, PAL (all versions)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 125
- Tuner Display: PLL

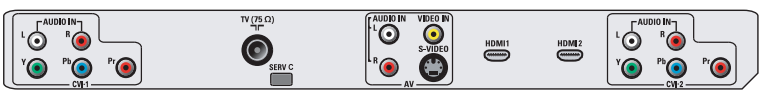
## Connectivity
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in, S-Video in
- AV 4: HDMI
- AV 5: HDMI
- Number of AV connections: 7
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in
- Other connections: Monitor out, CVBS, L/R (cinch), PC Audio in, PC-In VGA

## Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: 100-240V, 50/60Hz
- Power consumption: 340 W
- Standby power consumption: <1W

## Accessories
- Included Accessories: Power cord, Quick start guide, User Manual, Registration card, Warranty certificate, Remote Control, Batteries for remote control

## Dimensions
- Color cabinet: Black Cabinet with Black Hi Gloss deco Frame
- Set dimensions (W x H x D): 1289 x 835 x 124 mm
- Set dimensions with stand (W x H x D): 1289 x 909 x 325 mm
- Product weight: 40 kg
- Product weight (+stand): 50 kg
- Box dimensions (W x H x D): 1385 x 927 x 277 mm
- Weight incl. Packaging: 58 kg
- VESA wall mount compatible: 600 x 400 mm




Issue date 2009-09-05

Version: 2.0.12

12 NC: 8670 000 30993
EAN: 87 12581 34203 6

© 2009 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

**www.philips.com**